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Pioneer sound.vision.soul

MDLP

Mini Disc

MD/tuner main unit

MEH-P050

operating instructions

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carrozzeria

Please be sure to read it

For your safety, please be sure to observe

About pictograms

This instruction manual, installation manual, and markings on the product use various pictograms to ensure that you use the product safely and correctly, and to prevent injury to yourself and other people, as well as damage to property. doing. The display and meaning are as follows.

■ The degree of harm and damage caused by ignoring the indications and using the product incorrectly is classified and explained by the following indications.

⚠	caveat	This display column is “If a person could be killed or seriously injured, This indicates the content that can be
⚠	Note	This display column is “Contents that are assumed to cause personal injury and material damage only."

■ The following pictograms are used to classify and explain the types of items to be observed.

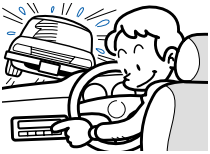
⚠	Such pictograms indicate content that requires caution (including warnings).
⃠	Pictograms like this indicate prohibited (things you must not do).
❗	Such pictograms are compulsory contents that must be performed.

Safety precautions(Please also read the separate "Safety Precautions".)

⚠ caveat

[how to use]

Do not operate while driving



Complex functions that require you to look at the screen for a long time are
Do not operate while driving. careless forward and cause a traffic accident. Always operate Park your car in a safe place. devil

Minimize the amount of time you spend looking at the screen while driving.
please.

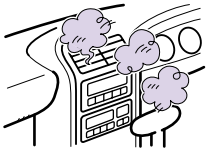
[Treatment of abnormal]

Do not use if the product is damaged.

In the state of failure such as no screen or no sound Please do not use. Must-buy store Please consult Please use it as it is.

Failure to do so may result in an accident, fire, or electric shock.

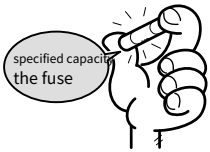
Do not use if abnormal



In the unlikely event that there is smoke, a strange smell, or a foreign object inside
An abnormality has occurred, such as water entering or splashing , stop using it immediately and be sure to purchase Please consult the shop. If you use it as is

Doing so may cause an accident, fire, or electric shock.

Use a fuse with the specified capacity.



Always follow the posted regulations when replacing fuses.
Please use the fuse of capacity. Specified capacity or more
Using a fuse can cause a fire.

Please be sure to read it

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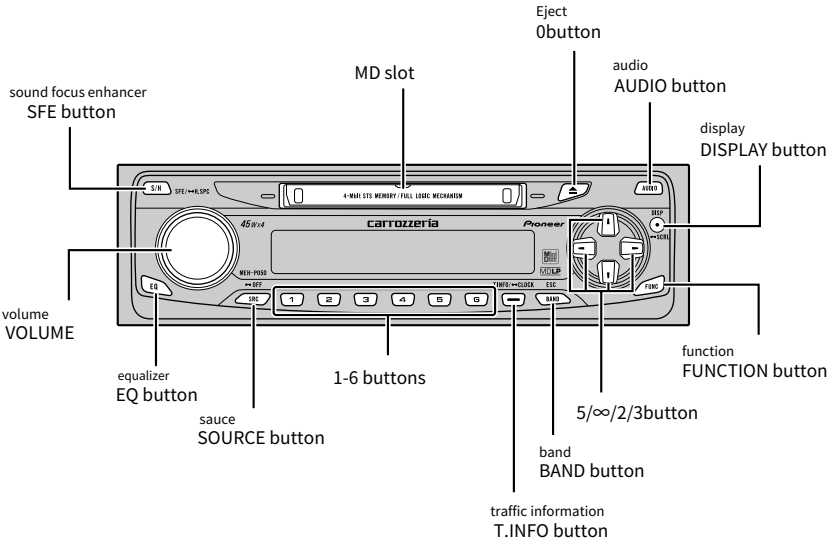
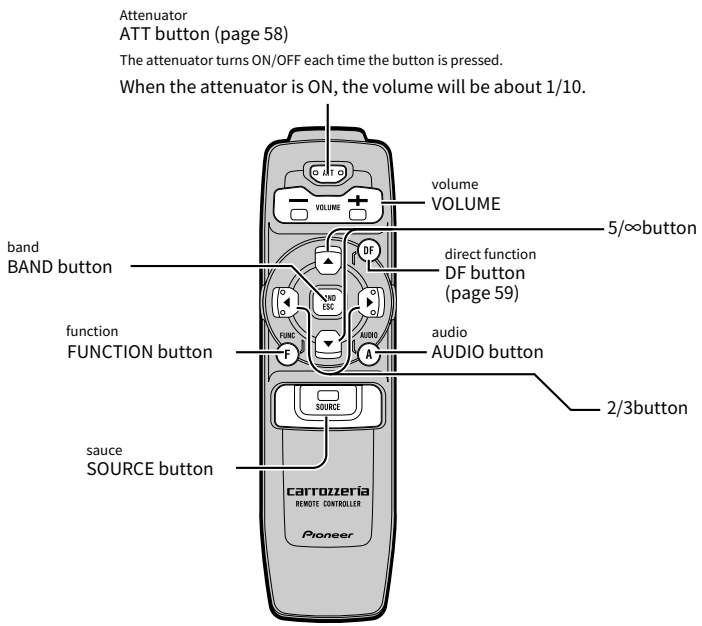
■ Body



■ Separately sold remote control "CD-R660"

● You can operate this unit with the optional remote control “CD-R660”.

● For the handling of the remote control, read the instruction manual of the remote control.



About the DF button

- By pressing the DF button, you can directly operate the functions registered in advance for each source.
  vinegar. Pause on the built-in MD/Multi CD, BSM on the radio, and BSSM on the TV. (page 59)

memo

・ Steering remote control unit "CD-SR100" (sold separately)
  remote control) can also be used to operate the unit. However, some functions may not be operable with the steering remote control.
・ For details on how to operate and handle the steering remote control, refer to the
  Please read the instructions.

To prevent battery drain

Always start the car engine when using this machine. Also, do not turn the car's ignition switch to ON (or ACC) for a long time with the car's engine off, even when the unit is turned off. It will cause the battery to run out.

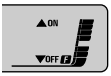
About the guide display

A guide is displayed on the display so that you can operate the unit by looking at the display.

FUNCTION, AUDIO, 5/∞/2/3of the button

Inside, the buttons that can be operated

is displayed.

Display example	Contents
	5/∞/2/3Can be operated with buttons.
	Fiveor∞You can turn the function ON/OFF with the button. You can also use the FUNCTION button to can be switched.
	2or3You can select items with the button. You can also switch functions with the AUDIO button. You can switch

Using a 50-disc multi-CD player

A 50-disc multi-CD player can be connected to this unit. However, functions specific to 50-disc multi-CD players cannot be operated with this unit. Only the functions described in this manual can be operated with this unit. Also, it does not switch to title list mode.

About playback of MD recorded for a long time

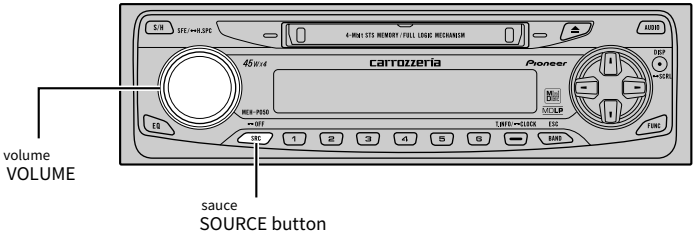
This machine supports MDLP. MD recorded for a long time can also be played.

About MDLP

- MDLP is the MD that you have been using so far, and it lasts longer than before (2 times, 4 times longer)
  It is a compression method that can be recorded.

MD group disc playback

This unit supports playback of the MD group function. When playing a disc (group disc) in which tracks recorded on an MD are registered as a group, you can display the group name or play only the desired group.



Basic operation of this machine

Power ON/Source selection/Volume control/Power OFF

You can use this machine with the operation only here.

1 Press the SOURCE button to

Turn on the power

The power of this unit is turned on.

● Even when an MD is inserted into the MD insertion slot, the power supply is turned ON. (12 pages)

2 Press the SOURCE button to Switching sources

Each time the button is pressed, the source switches as follows. will be replaced.

Single CD (sold separately) → TV (sold separately) → Radio (FM/AM) → Built-in MD → Multi CD (sold separately) → External (external unit) (sold separately) → AUX (external device) (sold separately) → Single type Back to CD

3 Turn VOLUME to adjust the volume

Turn right: to increase

Turn counterclockwise: to make it smaller

It can be adjusted in the range of 0-62.

The volume is displayed for about 4 seconds.

F Press the SOURCE button for 1 second or more to power off

The power will be turned off.

When connecting a TV, single-type CD, or multi-MD

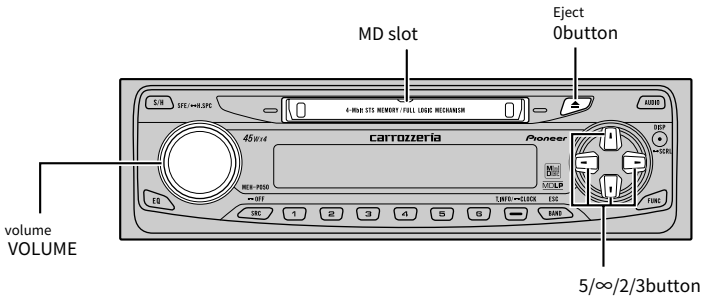
For details on how to operate, refer to each instruction manual.

- In the instruction manual of the TV (e.g. "AVX-P7" etc.) and single CD (e.g. "CDS-P555") may describe operations using products other than this unit as examples. Please operate with the button corresponding to the product.
- This unit can operate a multi-MD (e.g. “MD-P100—”) as an external unit. to come. For details on how to operate, refer to "Main unit3"Please refer to.

memo

- It does not switch to the source that is not connected.
- If no MD or CD is loaded, the source will not be switched. • Connect the blue lead wire (auto antenna) of this unit to the control terminal of the auto antenna on the car side. When connected, the auto antenna installed in the car extends when the source is set to the radio.
- External (external unit) refers to a pipe that this unit does not support as a source. It is a special source that allows you to control the basic functions of Onia products (such as products that will be released in the future). Only one product can be controlled as an External (external unit) with this unit.
- If the AUX (external device) setting (page 62) is not turned ON, it will switch to AUX. plug.

Listening to MD with built-in MD



Basic operation of built-in MD

MD set/song selection/fast forward/fast reverse/MD eject

You can listen to MD with only this operation.

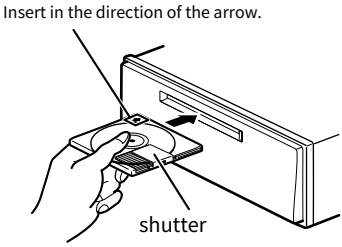
1 With the label side of the MD facing up,

Insert it into the MD slot

MD playback starts.

● Confirm that the MD shutter is closed. then insert it.

● When an MD is inserted, this unit will record the number of tracks, etc. from the MD. read the information on During this time, the "TOC Read" is displayed.



please note

- Never insert anything other than an MD into the MD slot. It will be the cause of the failure.

memo

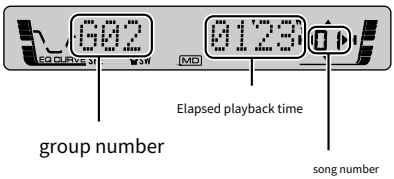
・ When you insert an MD or switch from another source to the internal MD, the disc may Titles and song titles are automatically scrolled once.

2 Fiveor∞Press the button to select the group you want to listen to

(For group disks)

Five: When selecting the next group

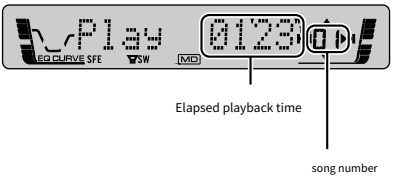
∞: to select the previous group



3 2or3Press the button to select the song you want to hear (or fast forward/rewind)

3: To select the next track (or fast-forward)

2: To select the previous track (or rewind)



Differentiating between song selection and fast-forward/fast-rewind	
select the song you want to hear	less than 0.5 seconds
Fast forward/rewind song	Hold down for 0.5 seconds or longer while

● When you select a song, the song name is automatically scrolled once.
Show roll. But the song I'm listening to
When you cue the
Does not display role.

F Turn VOLUME to adjust the volume

Turn right: to increase

Turn counterclockwise: to make it smaller

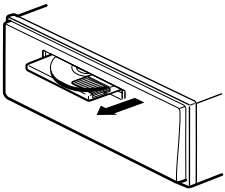
It can be adjusted in the range of 0-62.

The volume is displayed for about 4 seconds.

F 0press the button take out MD

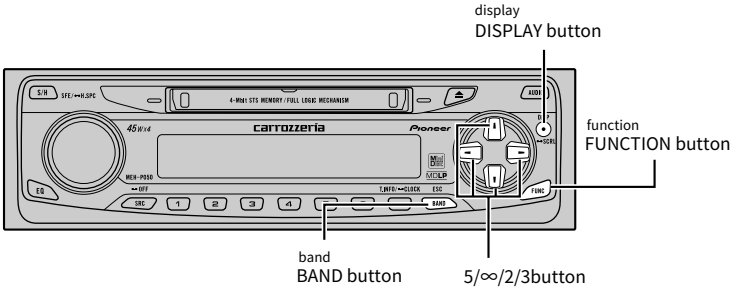
An MD will appear.

● Remove the ejected MD immediately and store it.
please give me.



memo

- If the power is turned off while the MD is set, or other sources (radio, multi-CD, etc.) You can also switch to (10 pages)
- When an MD is inserted, this unit reads information such as the file format from the MD. During this time, “TOC Read” is displayed.
- TOC (TableOf Contents) is the number of songs recorded on a CD, MD, DAT, etc.
It is "information other than the audio signal" such as performance time and title.



How to switch modes

To use convenient functions other than normal operations, switch the mode.

■ Switching function modes

1 Press the FUNCTION button to Switching function modes

Each time the button is pressed, it switches as follows.

increase.

Playback range switching mode (page 15) → Random mode (page 16) → Scan mode (page 17) → Pause mode (page 18) Return to repeat mode

memo

- Press the BAND button to exit function mode. (For about 30 seconds, nothing
  It will be canceled automatically even if you do not operate it.)

Listening to the same song or group repeatedly

Playback range switching

You can listen to the song you are listening to repeatedly. For group discs, you can select the range for repeated playback, such as repeating the current track or one group.

About the playback range

- You can select the playback range (the range to be repeatedly listened to) from the following options.

playback range	Contents of repeat playback
track repeat	Repeats the song being played.
group repeat	Repeat playback of the currently playing group. (Group disk only)
disc repeat	Plays the CD being played repeatedly. (Usually leave this mode.)

1 Press the FUNCTION button to

Selecting the playback range switching mode

2 2or3Press the button to switch the playback range

Each time the button is pressed, it switches as follows.

increase.

TRK (Track Repeat)
→ GRP (Group Repeat)
→ DSC (Disc Repeat)
→ Return to TRK

For track repeat, “RPT”,
For group repeat, select “G RPT”
is displayed.

3 Press the BAND button to Cancel function mode

Listen to songs in a different order than usual

random play

You can play songs in random order. This is useful when you want to enjoy music in a different order than usual.

1 Switch to playback range switching mode,

Selecting the playback range (page 15)

Random playback is performed within the selected playback range.

increase.

2 Press the FUNCTION button to
Choose random mode

3 Fivepress the button
Turn random play on

Randomly play the following songs.

∞button to turn it off.

Fo Press the BAND button to
Cancel function mode

Displayed during random playback.

memo

- If random play is turned on during track repeat, the play range will be disc repeat. and play randomly.

Search for the song or group you want to hear

scan playback

Plays only the beginning of the song for about 10 seconds each. For group discs, only the beginnings of all songs in the current group are played for about 10 seconds each. It is also possible to play only the beginning of the first track of all groups for about 10 seconds each. This is convenient when searching for the group or song you want to listen to.

1 Switch to playback range switching mode,

Selecting the playback range (page 15)

Scan playback is performed within the selected playback range.

increase.

■ When searching for a song you want to hear

(track scan playback)

Switch the playback range to group repeat

all songs in the currently playing group,

Play about 10 seconds each.

■ When searching for a group you want to listen to

(group scan playback)

Switching the playback range to disc repeat

Only the first song of every group,

Play about 10 seconds each.

2 Press the FUNCTION button to

Choose a scan mode

3 Fivepress the button

Turn on scan playback

The first 10 seconds of the song will be played one after another.

● About 30 seconds after the start of scan playback, function mode is automatically canceled.

Displayed during scan playback.

Continued on next page

F When the song (group) you want to hear is played,

∞Press the button to turn off scan playback.

do

● If function mode has been canceled, perform step 1 to switch to scan mode again.
and then turn scan playback off.
when.

Fi Press the BAND button to

Cancel function mode

memo

• When you return to the track (group) where scan playback started, scan playback is canceled. • If scan playback is turned ON during track repeat, the playback range will be changed to group repeat.
mode and scan playback.

Pausing MD playback

Pause

MD playback can be paused.

1 Press the FUNCTION button to

Choose a pose mode

2 FivePress the button to turn on the pause

MD playback pauses.

∞button to turn it off.

3 Press the BAND button to

Cancel function mode

Displayed during pause.

Display the MD title.

Title display/Title scroll

In addition to displaying the elapsed playback time, disc names, group names, and track names can also be displayed.

Disc names, group names, and song titles can be displayed up to 10 characters at a time. You can also display hidden characters in order.

memo

- Display as Disc Title (disc name), GroupTitle (group name) or TrackTitle (song title) Automatically scrolls hidden titles once when switching to . - The MD character display of this unit supports only alphanumeric characters.
- If you switch the display with an MD that does not have a title entered, “No Data” is displayed.
- This unit does not display "LP:" at the beginning of track titles regardless of the MD recording method. (Long time "LP:" may be pre-entered at the beginning of track titles that have been pre-recorded.)

■ Display switching

1 Press the DISPLAY button to switch display

Each time the button is pressed, it switches as follows.

increase.

Elapsed playback time display

→ Disc Title

→ GroupTitle

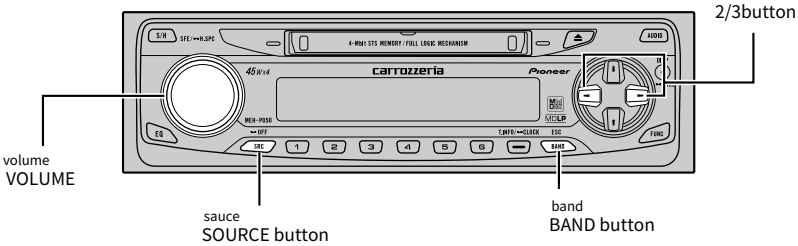
→ TrackTitle (song title)

→ Return to playback elapsed time display

■ Show hidden titles

1 Press the DISPLAY button for 2 seconds or more, show hidden titles

Hidden characters will be displayed in order.



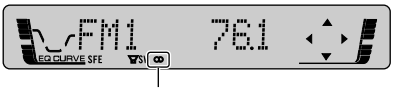
Basic radio operation

Band switching/channel selection/volume control

You can listen to the radio with the operation only here.

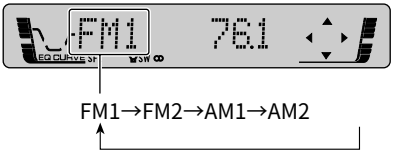
1 Press the SOURCE button to make the source radio

Receive radio.



Appears when receiving a stereo broadcast.

2 Press the BAND button to choose a band



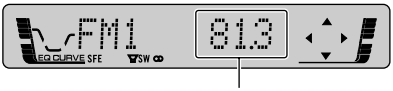
Each time the button is pressed, the band changes as follows.

switch.

FM1→FM2→AM1→AM2→Back to FM1

- You can register 6 stations for each band. (page 22, 23)
- By switching between band 1 and band 2
  You can register more stations.
  For example, for band 1, the stations that you usually listen to often
  is registered. Travel destinations, etc.
  When you go to an area where you don't know if there is a transmission station
  Then, if you switch to band 2 and use BSM (page 22), the station registered to band 1 will
  You can use it as is.

3 2or3Press the button to select a station



frequency display

3: When selecting a high-frequency broadcasting station

2: When selecting a low-frequency broadcasting station

Proper use of selection method	
Manual tuning (1 step at a time)	less than 0.5 seconds
Automatic tuning	0.5 seconds or more

- You can skip intermediate stations while pressing and holding for 0.5 seconds or longer. when you release the button Automatic tuning starts from around the time.
- To select a station with a strong radio wave, use the automatic tuning to select a station with a weak signal. Manual tuning is recommended.

F Turn VOLUME to adjust the volume

Turn right: to increase

Turn counterclockwise: to make it smaller

It can be adjusted in the range of 0-62.

The volume is displayed for about 4 seconds.

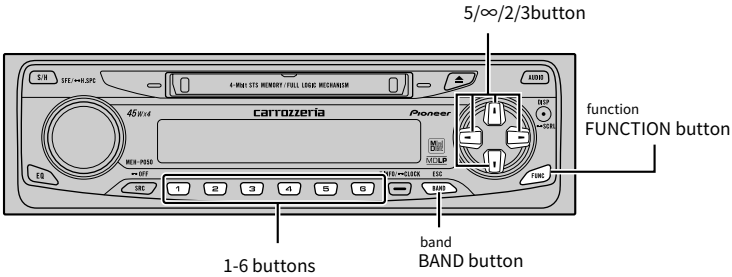
F switch to another source, or Turn off the power and receive the radio quit (10 pages)

memo

- The name of the broadcasting station is pre-registered in this unit. displayed on the display

  If the name of the broadcasting station you are receiving is different from the name of the broadcasting station you are receiving, you can change it to the name of the broadcasting station you are receiving. To change the station name, see "Selecting the station name (page 24)".

A
The
o
of
heard
nine



Registering multiple stations automatically

BSM

You can search for stations with good reception and automatically register them with buttons 1 to 6.

1 Press the BAND button to
Select a band to register (page 20)

2 Press the FUNCTION button to
Enter BSM mode

3 FivePress the button to start BSM

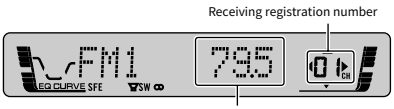
When the BSM ends, the blinking stops and the 1 button

Receive the registered broadcasting station.

∞Press the button to cancel halfway.

Flashes during registration operation.

Fo Press the BAND button to
Exit BSM mode



memo

- If there are less than 6 stations with good reception, the previous registration may remain. ・ What is BSM? It stands for "Best Stations Memory". ・ To call a registered station, see “Calling a registered station (page 24)” . please.
・ BSM mode will be canceled automatically if no operation is performed for about 30 seconds.

Registering stations one by one

preset memory

You can manually register your favorite stations one by one to buttons 1 to 6.

1 Press the BAND button to
Select a band to register (page 20)

2 2or3press the button

Select the station you want to register (page 21)

3 Press one of the buttons from 1 to 6 for 2 seconds or more,
register

Pressed button number (registration number)
flashes.

memo

- To call a registered station, see “Calling a registered station (page 24)”.
please.

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Calling up a registered station

preset tuning

Registered stations can be called up easily.

■ When calling a registered station directly

1 Press the BAND button to
Selecting a registered band (page 20)

2 Press one of the buttons 1-6 to
Calling registered stations directly

Receiving registration number

■ When calling registered stations in order

1 Press the BAND button to
Selecting a registered band (page 20)

2 Fiveor∞press the button
Calling registered stations in order

Five: When calling the station with the next registration number

∞: When calling the station with the previous registration number

Receiving registration number

Select a station name

Broadcasting station name selection

You can select the name of the broadcasting station to display according to the broadcasting station you are receiving.

About broadcasting station name

- Even if the frequency is the same, the broadcast station received may differ depending on the region. displayed
  If the name of the station you are listening to is different from the name of the station you are receiving, you can change the name of the station.

please note

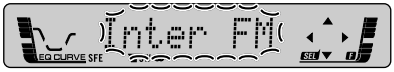
- You cannot select a station name that is not registered on this unit.

1 If the actual broadcasting station name and display are different,

Press the FUNCTION button for 2 seconds or more and release it.

Switch to station name selection mode

● Change only the station name of the frequency currently being received.
can be changed. Change station name for another frequency
If you want to tune in, tune in to that frequency (page 21) and enter station name selection mode.



2 2or3press the button

Choose a station name

3: When selecting the next station name

2: To select the previous station name

The name of the broadcasting station corresponding to the frequency being received is flashes.

3 FivePress the button to change the station name

It will be changed to the selected station name.

Fc Press the BAND button to

Canceling station name selection mode

Press the DISPLAY button to display the frequency and release.
You can switch the display of the transmitting station.

memo

- "NO DATA" will be displayed if the name of the broadcasting station corresponding to the selected frequency is not registered.
  vinegar.
- If you do not want to display the station name, Please select "_ _ _ _ _ _ _ _ _ _" (all blank) when.
- If you are using a Pioneer FM modulator type multi-CD,
  You can change the name of the station to "FM M-CD" and display it by tuning to the target frequency.
- If you are using a Pioneer TV with an FM modulator, set the modulator frequency to
  If you match, you can change the station name to "FM TVsound" and display it.

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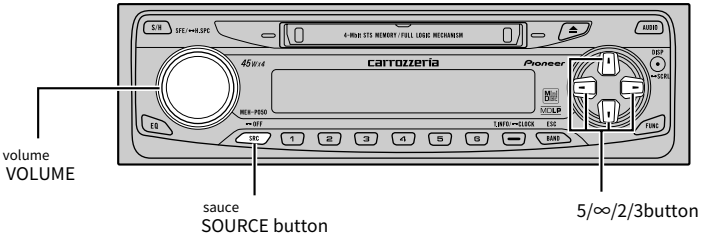
Listening to CDs with Multi CD



Basic operation of multi-CD

Disc selection/song selection/fast forward/fast reverse

You can listen to CDs on a multi-CD player with just this operation.

1 Press the SOURCE button to Make the source a multi-CD

- When you insert "CD TEXT" into a multi-CD player that supports "CD TEXT" (such as "CDX-P670"), you cannot use other sources. When switching from a disc to a multi-CD, disc Auto disc and track titles scrolls once.

2 Fiveor∞Press the button to select the CD you want to listen to

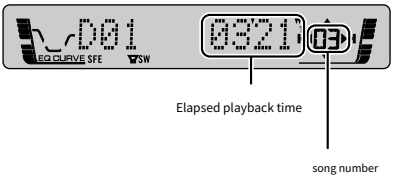
CD number

Five: When selecting the next CD

∞: When selecting the previous CD

- Press buttons 1 to 6 to select the CD you want to listen to. can also do. 1 to 6 buttons for 2 seconds or more Press to select the 7th through 12th CDs. increase.

3 2or3Press the button to select the song you want to hear (or fast forward/rewind)



3: To select the next track (or fast-forward)

2: To select the previous track (or rewind)

Differentiating between song selection and fast-forward/fast-rewind	
select the song you want to hear	less than 0.5 seconds
Fast forward/rewind song	Hold down for 0.5 seconds or more. while

● When playing back "CD TEXT" on a multi-CD player that supports "CD TEXT" (such as "CDX-P670"),
automatically scroll the track title once.
Crawl display. but now i'm listening
When you skip to the beginning of a song, the
Does not display role.

F Turn VOLUME to adjust the volume

Turn right: to increase

Turn counterclockwise: to make it smaller

It can be adjusted in the range of 0-62.

The volume is displayed for about 4 seconds.

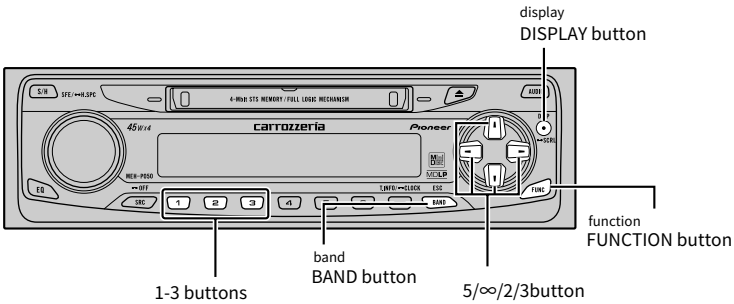
F switch to another source, or Turn off the power, and Stop playback (page 10)

memo

- If the multi-CD is performing preparatory operations (checking for the existence of a CD, reading information from the CD, etc.)
There is a match. At this time, if you switch the source to multi-CD, "READY" will be displayed.

・ "NO MAG" is displayed when a magazine is removed from a multi-CD during multi-CD playback.
increase.

・For "CD TEXT", "Display the title and singer name of "CD TEXT" (page 38).
J)".



How to switch modes

To use convenient functions other than normal operations, switch the mode.

■ Switching function modes

1 Press the FUNCTION button to
Switching function modes

Each time the button is pressed, it switches as follows.

increase.

Playback range switching mode (page 29) → Title list mode (page 39)
→ Random mode (page 30) → Scan mode (page 30)
→ ITS playback mode (page 33) → Pause mode (page 40)
→ COMP switching mode (page 41) → Return to repeat mode

memo

- Press the BAND button to exit function mode. (For about 30 seconds, nothing
  It will be canceled automatically even if you do not operate it.)

■ Switching the detailed setting mode

1 Press the FUNCTION button for 2 seconds or longer, then
Press the FUNCTION button

Each time the button is pressed, it switches as follows.

increase.

Title input mode (page 35) → ITS specification mode (page 32)
→ return to title input mode

memo

- Press the BAND button to cancel detailed setting mode.
- "CD TEXT" can be played on a multi-CD that supports "CD TEXT" (such as "CDX-P670").
  It does not switch to title input mode during playback. (Titles pre-recorded in "CD TEXT" cannot be changed.)

Listening to the same song or CD repeatedly

Playback range switching

You can select the range of repeat playback, such as listening to the current track repeatedly or listening to one CD repeatedly.

About the playback range

- You can select the playback range (the range to be repeatedly listened to) from the following options.

playback range	Contents of repeat playback
track repeat	Repeats the song being played.
disc repeat	Plays the disc being played repeatedly.
Multi CD repeat	Plays the CD being played repeatedly. (Usually leave this mode.)

1 Press the FUNCTION button to

Selecting the playback range switching mode

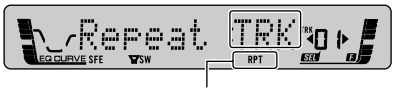
2 2or3press the button

Switch the playback range

Each time the button is pressed, it switches as follows.

increase.

TRK (Track Repeat)
→ DSC (Disc Repeat)
→ MCD (Multi CD Repeat)
→ Return to TRK



track repeat or disc repeat
"RPT" is displayed when

3 Press the BAND button to release the mode

Listen to songs in a different order than usual

random play

You can play songs in random order. This is convenient when you want to enjoy music in a different order than usual.

1 Switch to playback range switching mode,

Selecting the playback range (page 29)

Random playback is performed within the selected playback range.

increase.

2 Press the FUNCTION button to

Choose random mode

3 Fivepress the button

Turn random play on

The next song will be played randomly.

∞button to turn it off.

Fo Press the BAND button to

Cancel function mode

Displayed during random playback.

memo

- If random play is turned on during track repeat, the play range will be disc repeat. and play randomly.

Search for the song or CD you want to listen to

scan playback

Plays only the first part of the track on the CD you are listening to, one after another, for about 10 seconds each. It is also possible to play only the beginning of the first track of all CDs for about 10 seconds each. This is useful when searching for a song or CD that you want to hear.

1 Switch to playback range switching mode,

Selecting the playback range (page 29)

Scan playback is performed within the selected playback range.

increase.

■ When searching for a song you want to hear

(track scan playback)

2or3Press the button to switch to disc repeat

All tracks on the CD being played are played for about 10 seconds at a time.

increase.

■ When looking for a CD you want to listen to

(disk scan playback)

2or3Press the button to switch to multi CD repeat

1 song from all CDs in a multi-CD magazine

Play only the eyes for about 10 seconds each.

2 Press the FUNCTION button to Choose a scan mode

3 FivePress the button to turn on scan playback do

The first 10 seconds of the song will be played one after another.

● About 30 seconds after the start of scan playback, function mode is automatically canceled.

Displayed during scan playback.

Fo When the song (CD) you want to hear is played,

After switching to scan mode,∞press the button to turn off scan playback.

● If function mode has been canceled, perform step 2 to switch to scan mode again. Then, turn off scan playback.

Fi Press the BAND button to Cancel function mode

memo

・ When you return to the track (or CD) where scan playback started, scan playback is canceled. ・ If scan playback is turned ON during track repeat, the playback range will be disc repeat. mode and scan playback.

pose Le blood C. D. and C. D. of heard nine

Specify only the songs you want to hear.

ITS designation

In order to play only the specified songs (page 33), specify the songs you want to listen to on the Multi CD in advance.

About ITS

- What is ITS? Acronym for "Instant Track Selection". ITS is a function to specify only the songs you want to hear and play them.

memo

- Tracks are specified for each CD. Even if the CD is replaced, the specified contents of that CD will be lost.
  not.
- You can specify up to 99 songs per CD. ("CDX-P1250" "CDX-P650"
  Up to 24 tracks can be specified for the previously released multi-CDs.) • ITS can be specified for 100 CDs together with the title (page 35). - When the number of CDs exceeds 100, the specified content of the oldest CD is canceled and the new CD is specified.
  is specified.

1 Fiveor∞Press the button to play the CD containing the song you want to specify.
(26 pages)

2 Press the FUNCTION button for 2 seconds or more, then
Press the FUNCTION button to
Select ITS designation mode

3 2or3press the button
Select the desired track (page 27)

F Fivebutton to specify

displayed for about 2 seconds to indicate the specified
I'll let you know.

Fi Press the BAND button to
Exit advanced mode

Play only the specified song

ITS playback

You can play only the songs specified by "ITS specification".

1 Switch to playback range switching mode,

Selecting the playback range (page 29)

ITS playback is performed within the selected playback range.

2 Press the FUNCTION button to

Select ITS playback mode

3 FivePress the button to turn on ITS playback

ITS playback starts and only the specified track is played.

will be

∞button to turn it off.

Fc Press the BAND button to

Cancel function mode

Displayed during ITS playback.

memo

- If there is no specified track within the playback range selected in step 1, "ITS EMPTY" will be displayed for approximately 2 seconds. is displayed for a while and ITS playback is not performed.

Canceling the specified songs one by one

ITS release (per song)

You can cancel the specified songs one by one.

1 Turn on ITS playback

2 2or3press the button

Play the song you want to unmark

(page 27)

Continued on next page

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3 Press the FUNCTION button for 2 seconds or more, then

Press the FUNCTION button to

Select ITS designation mode

Fo ∞press the button to release

The song that was playing is deselected and then selected.

The song that is being played is played.

the song specified below

Fi Press the BAND button to

Exit advanced mode

memo

- If there are no more tracks within the current playback range, "ITS EMPTY" will be displayed for about 2 seconds.
  displayed and ITS playback is turned OFF.

Unlocking specified songs for each CD

ITS release (per CD)

You can unlock the specified songs for each CD.

1 Fiveor∞press the button

Play the CD for which you want to cancel the designation.

(26 pages)

If ITS playback is ON, turn it OFF. (33 pages)

2 Press the FUNCTION button for 2 seconds or more, then

Press the FUNCTION button to

Select ITS designation mode

3 ∞press the button to release

displayed for about 2 seconds to indicate that the

I'll let you know.

Fo Press the BAND button to

Exit advanced mode

Enter CD title

Enter title

To display the CD title (page 37), enter the title in advance.

About title input

- Title input is a function to input the title of the CD and display it on the display.
  is.
  By entering the CD title, you can search for the desired CD in the title list (page 39). Multi-CDs that support “CD TEXT” (such as “CDX-P670”) can similarly create a title list (page 39) with CD titles pre-recorded in “CD TEXT”.

memo

- Up to 10 characters can be entered for the title.
- Registration of the entered title is performed for each CD. Even if the CD is replaced, the
  The contents are not deleted.
- Titles can be registered for 100 CDs together with ITS (page 32). • When the number of CDs exceeds 100, the input contents of the oldest CD are deleted and new CDs are registered.
  will be

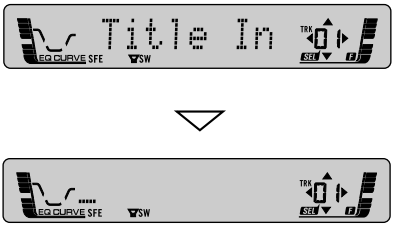
1 Fiveor∞Press the button to play the CD for which you want to enter the title.

(26 pages)

2 Press the FUNCTION button for 2 seconds or more to

Select title input mode

● When playing "CD TEXT" on a multi-CD that supports "CD TEXT" (such as "CDX-P670"), switch to title input mode.
No change. (You can't change the title of the CD with him in "CD TEXT".)



3 enter a title

■ Select the input position

2or3Press the button to move the cursor to the position where you want to enter

3: When moving to the right

2: When moving to the left

The cursor blinks at the input position.

You can enter up to 10 characters.

pose Le blood C. D. and C. D. of heard nine

Continued on next page

■ Select characters to enter

Fiveor∞Press the button to select the character you want to enter

Five: to select the next character

∞: to select the previous character

The selected character flashes.

button to push	selectable characters
1 button (Press 1 button switch every I will.)	lowercase alphabet (a-z), blank (_) / capital letters of the alphabet (A to Z), numbers (0 to 9), symbols (!” # etc.) blank (_)
2 buttons	digits (0-9), Symbols (such as !” #), blank (_)
3 buttons (Press the 3 button switch every I will.)	Katakana (a-n), sound subtraction (-), blank (_) / sound, dakuten, semi-dakuten (Wow)°, blank (_)

F After entering3press the button blink the 10th character

10th character with blanks left over flashes.

F 3press the button
Register the entered title

The input position stops blinking and the entered title is registered.

6 Press the BAND button to
Exit advanced mode

memo

・If you press the BAND button while entering the title (when the characters are blinking), the detailed setting mode will be displayed.
will be released halfway through. (In this case, the title being entered will not be registered.) ・For "CD TEXT", select "Display the title and singer name of "CD TEXT" (page 38).
J)” .

Show CD title

Disc title display

You can display the CD title entered in Title Input (page 35).

1 Press the DISPLAY button to switch display

Each time the button is pressed, it switches as follows.

increase.

Elapsed playback time display

→ Disc Title

→ Return to playback elapsed time display

memo

- If you switch the display with a CD that has no title input, “NODSC TTL” is displayed.
  increase.

Display the title and singer name of "CD TEXT"

Title display/Title scroll

When playing back "CD TEXT" on a multi-CD that supports "CD TEXT" ("CDX-P670", etc.), the disc name, artist name, etc. can be displayed. Up to 10 characters can be displayed at once. Hidden characters can also be displayed in order.

please note

- It is a function of multi-CD (such as "CDX-P670") that supports "CD TEXT".

About "CD TEXT"

- "CD TEXT" is a CD that contains text information such as the CD title/singer name/song title. vinegar. A CD with the following mark on the disc title side is "CD TEXT". (There is also "CDTEXT" without the following mark.)

  The “CD TEXT” character display on this unit supports only alphanumeric characters.

■ Display switching

1 Press the DISPLAY button to switch display

Each time the button is pressed, it switches as follows.

increase.

Elapsed playback time display

→ Disc Title

→ D.Artist (singer name)

→ TrackTitle (song title)

→ Tr.Artist (singer name)

→ Return to playback elapsed time display

■ Show hidden characters

1 Press the DISPLAY button for 2 seconds or longer to hide display titles

Hidden characters will be displayed in order.

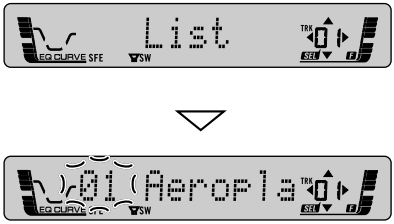
memo

- Switch the display for CDs that do not contain track artist names (singer names), etc. “NO NAME” etc. will be displayed.

Find the CD you want to listen to by looking at the title

title list

1 Press the FUNCTION button to
Select title list mode



2 2or3press the button

Select the CD you want to listen to

3: To display the title of the next CD

2: To display the title of the previous CD

The registered titles are displayed.
Also, the CD number for that CD flashes.

3 FivePress the button to play the selected CD

The selected CD is played.

Fo Press the BAND button to
Cancel function mode

memo

- If you perform a title list on a CD with no title entered, only the CD number will be displayed.
  will be (No title is displayed.)

pose Le blood C. D. and C. D. of heard nine

Pause CD playback

Pause

CD playback can be paused.

1 Press the FUNCTION button to
Choose a pose mode

2 FivePress the button to turn on the pause
CD playback pauses.
∞button to turn it off.

3 Press the BAND button to
Cancel function mode

Displayed during pause.

Adjusting the sound quality of CDs

COMP/DBE

There are two functions, COMP and DBE, to adjust the sound quality of the CD. COMP is effective when he's listening to music with a large volume difference, such as classical music, and DBE is effective when he's listening to songs that lack bass.

please note

- This is a multi-CD function that supports COMP/DBE.

About COMP

- COMP is an abbreviation for "Compression". COMP is loud
  This function reduces the volume difference between loud and soft sounds by suppressing and boosting soft sounds. This function is convenient to use when it is difficult to hear soft sounds.

About DBE

- DBE stands for “Dynamic Bass Emphasis”
  is. DBE is a function that boosts the bass range. This feature is useful when you feel that your music is lacking in the low end and he's missing it.

1 Press the FUNCTION button to
Select COMP switching mode

Displays the current COMP/DBE status.

● When combining a multi-CD that does not have the COMP/DBE function, “NO COMP” is displayed and operation is you can't.

2 Fiveor∞Press button to select function

Each time the button is pressed, it switches as follows.

increase.

COMP OFF → COMP 1 → COMP 2
→ COMPOFF → DBE1 → DBE2
→ Return to the first COMPOFF

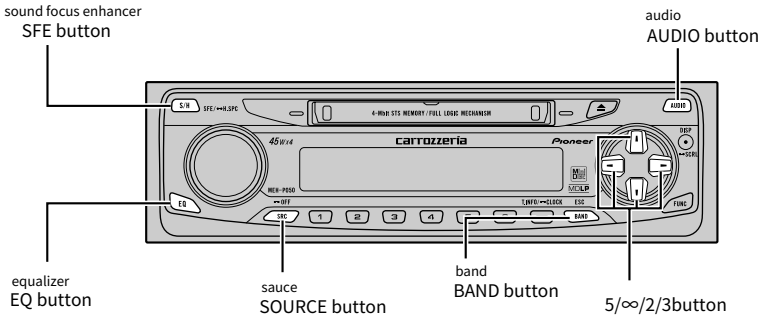
If the current COMP/DBE state is
It shows.

3 Press the BAND button to
Cancel function mode

memo

- 2 is more effective than 1 for both COMP and DBE.

pose Le blood C. D. and C. D. of heard nine



Set to your preferred sound space.

SFEs

The sound image of vocals, musical instruments, etc. can be clarified, and a natural and comfortable sound space can be produced easily. Furthermore, by selecting the riding position, you can make settings that suit your preferences.

About SFE

- FRT1 boosts the treble on the front output and the bass on the rear output. FRT2 is
  Boosts the treble and bass of the front output and the bass of the rear output. (Boosting the bass range is common to the front and rear.)

1 Press the SFE button for 2 seconds or longer to

Switch to SFE mode

Each time the button is pressed for more than 2 seconds, SFE modeLights up when in SFE mode. and harmonic spice mode are switched.

increase.

2 Press the SFE button to

Switch SFE mode

Each time the button is pressed, it switches as follows.

increase.

FRT1-Hi (High) → FRT1-Low (Low)
→ FRT2-Hi (High) → FRT2-Low (Low)
→ Custom → SFEOFF → Return to FRT1-Hi

3 2or3Press the button to switch the riding position

3: When moving to the right

2: When moving to the left

L (left) , C (middle) , R (right)
You can choose.

memo

・ SFE stands for "Sound Focus Enhancer". ・ For both FRT1 and FRT2, “Hi” is more effective than “Lo” . ・In “Custom” , an SFE mode with bass and treble adjusted to your liking is registered.

vinegar. (50 pages)

Correct the equalizer curve

harmonic spice

Harmonic Spice is a function that corrects bass and treble for each equalizer curve. Also, if you have selected the “Custom” curve, you can adjust the bass and treble of the “Custom” curve for each source.

1 Press the SFE button for 2 seconds or longer to Switch to harmonic spice mode

Each time the button is pressed for more than 2 seconds, SFE mode and harmonic spice mode are switched.

increase.

When in harmonic spice mode lights up.

2 Press the SFE button to turn on harmonic spice

Harmonic Spice is turned on.

Press it again to turn it off.

Choosing an equalizer curve

You can select your favorite equalizer curve from the preset equalizer curves.

About Custom

- In “Custom”, an equalizer curve adjusted to your liking is registered for each source. will be recorded. (The built-in MD, multi-CD, and external have the same settings.) If you adjust the equalizer curve, the adjusted curve will be registered in “Custom”.

1 Press the EQ button to

Switching the equalizer curve

Each time the button is pressed, it switches as follows.

increase.

Powerful→Natural→Vocal→Custom
→ EQ Flat → Super Bass
→ Back to Powerful

memo

- When receiving traffic information (page 60), switch to equalizer adjustment mode. It doesn't end.

How to switch modes

To adjust the sound, switch the audio adjustment mode. The way the mode switches depends on the RCA external output setting (page 64).

■ Switching audio adjustment modes

When RCA external output is subwoofer output “P/O:SubW”

1 Press the AUDIO button to

Switch audio adjustment mode

Each time the button is pressed, it switches as follows.

increase.

Volume balance adjustment mode (page 46) → Equalizer adjustment mode (page 47)
→ Bass/Treble level adjustment mode (page 50) → Loudness mode (page 52)
→ subwoofer mode*1(page 53) → Subwoofer adjustment mode *1(page 53)
→ High pass filter mode (page 56) → SLA mode*2(page 57)
→ Return to volume balance adjustment mode

memo

- Press the BAND button to exit audio adjustment mode. (For about 30 seconds, nothing
  It will be canceled automatically even if you do not operate it.)

*1 If the subwoofer mode (page 53) is turned off, the subwoofer adjustment mode
It does not switch to

*2 It will not switch to SLA mode when listening to FM on the radio.

When RCA external output is non-fading output "P/O:Full"

1 Press the AUDIO button to Switch audio adjustment mode

Each time the button is pressed, it switches as follows.
increase.

Volume balance adjustment mode (page 46) → Equalizer adjustment mode (page 47)
→ Bass/Treble level adjustment mode (page 50) → Loudness mode (page 52)
→ non-fading mode*1(page 55)
→ Non-fading adjustment mode*1(page 55) → High pass filter mode (page 56)
→ SLA mode*2(page 57) → Return to volume balance adjustment mode

memo

- Press the BAND button to exit audio adjustment mode. (For about 30 seconds, nothing
  It will be canceled automatically even if you do not operate it.)

*1 When the non-fading mode (page 55) is turned off, the non-fading
It does not switch to adjustment mode.

*2 It will not switch to SLA mode when listening to FM on the radio.

Continued on next page

■ Switching the advanced audio setting mode

1 Press the AUDIO button for 2 seconds or more,
Enter audio advanced settings mode

2 Press the AUDIO button to
Switching the advanced audio setting mode

Each time the button is pressed, it switches as follows.
increase.

EQ low band adjustment mode (page 48) → EQ mid band adjustment mode (page 48)
→ EQ high band adjustment mode (page 48) → Bass frequency selection mode*1(51 pages)
→ Treble frequency selection mode*1(page 51) → Return to EQ low band adjustment mode

memo

- Pressing the BAND button cancels the detailed audio setting mode. (About 30 seconds,
  It will be canceled automatically even if you do not operate anything.) Switches between bass
  *1 frequency selection mode and treble frequency selection mode only when harmonic spice mode is selected.

Adjusting the front/rear/left/right volume balance

fader/balance

You can adjust the volume balance of the front, rear, left, and right speakers.

1 Press the AUDIO button to
Selecting the volume balance adjustment mode

2 Fiveor∞press the button
Adjusting the front/rear volume balance

Five: When strengthening the front

∞: When strengthening the back

Front and rear balance is in the range of F15 to R15
can be adjusted with .

3 2or3Press the button to adjust the left/right volume balance

3: When strengthening the right

2: When strengthening the left

The left/right balance can be adjusted in the range from L9 to R9.

Fc Press the BAND button to Exit audio adjustment mode

Adjust the equalizer curve to your liking

By adjusting the equalizer curve prepared in advance, you can create the desired sound quality.

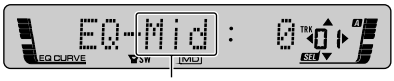
1 Press the EQ button to Switching the equalizer curve (page 44)

2 Press the AUDIO button to Enter equalizer adjustment mode

3 Select the band you want to adjust adjust the level

■ Choose a band

2or3Press button to select band



You can choose from Low (low range), Mid (middle range), and High (high range).

■ Adjust the level

Fiveor∞Press the button to adjust the level

Five: When strengthening

∞: When weakening

It can be adjusted in the range of -6 to +6.

Fc Press the BAND button to Exit audio adjustment mode

memo

- By adjusting the equalizer curve, It will be registered in “Custom”.
- When receiving traffic information (page 60), the equalizer adjustment mode is not activated. I don't.

Fine adjustment of the equalizer curve

The equalizer curve has three bands, and you can adjust the center frequency and Q factor for each band.

1 Press the EQ button to

Select the equalizer curve you want to adjust

(page 44)

2 Press the AUDIO button for 2 seconds or more,

Enter audio advanced settings mode

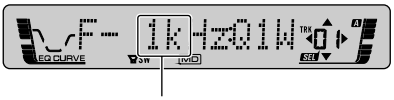
3 Select a band, center frequency and

Adjust the Q-factor

■ Choose a band

Press the AUDIO button to

Select the band you want to adjust



Display (center frequency [Hz])	band of choice
40, 80, 100, or 160	EQ low band
200, 500, 1k, 2k	EQ mid band
3k, 8k, 10k, or 12k	EQ high band

Each time the button is pressed, the audio Switches the detailed setting mode.

EQ low band adjustment mode → EQ mid band adjustment mode → EQ high band adjustment mode → Bass frequency selection mode (page 51) → Treble frequency selection mode (page 51) → Return to EQ low band adjustment mode

■ Selecting the center frequency

2or3Press the button to select the center frequency

The selected frequency is displayed.

■ Choose a Q factor

Fiveor∞Press the button to display the Q factor of the selected band

You can choose from 2N, 1N, 1W, and 2W.

Select (slope of equalizer curve)

Five: When strengthening

∞: When weakening

● The Q factor (slope of the equalizer curve) has the steepest slope at 2N, and becomes gentler in the order of 1N, 1W, and 2W.

F Press the BAND button to open the advanced audio settings.

cancel constant mode

memo

- By adjusting the equalizer curve, It will be registered in "Custom".
- When receiving traffic information (page 60), operate the advanced audio setting mode. I can not do it.

Adjust bass and treble

bass/treble

You can adjust the cutoff frequency and level of bass and treble.

please note

- If the Harmonic Spice mode (page 43) is selected, the Harmonic Spice
  Bass and treble can be adjusted only when is ON and the “Custom” curve is selected.

- If SFE (page 42) is set to FRT1, the bass adjustment will only affect the rear outputs. • When SFE (page 42) is FRT1 or FRT2, the treble adjustment affects only the front output.
  there is.

■ Bass/treble level adjustment

1 Press the AUDIO button to

Selecting the bass/treble level adjustment mode

2 Select a band and adjust the level

■ Choose a band

2or3Press button to select band

3: Selecting high notes

2: When selecting bass

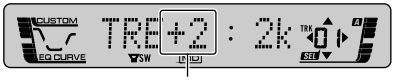
The frequency can be selected from 2k, 4k, 6k and 10k (Hz).

■ Adjust the level

Fiveor∞Press the button to adjust the level

Five: when increasing the level

∞: to decrease the level



Level can be adjusted in the range of -6 to +6

can.

3 Press the BAND button to

Exit audio adjustment mode

memo

- If the Harmonic Spice mode (page 43) is selected, the Harmonic Spice
  Switches to the bass/treble level adjustment mode only when is ON and the “Custom” curve is selected.
- When SFE (page 42) is set to FRT1, the front output bass cannot be adjusted. • When SFE (page 42) is set to FRT1 or FRT2, the rear output treble cannot be adjusted.
  I can't

■ Selection of Bass Frequency to Adjust

1 Press the AUDIO button for 2 seconds or more, then

Press the AUDIO button to

Select bass frequency selection mode

2 2or3Press button to select frequency

3: When choosing a high frequency

2: When choosing a low frequency

The frequency can be selected from 40, 63, 100 and 160 (Hz).

3 Press the BAND button to

Exit audio advanced settings mode

memo

- If the Harmonic Spice mode (page 43) is selected, the Harmonic Spice Switches to bass frequency selection mode only when is ON and the “Custom” curve is selected.

■ Selection of treble frequency to adjust

1 Press the AUDIO button for 2 seconds or more, then

Press the AUDIO button to

Choose a treble frequency selection mode

2 2or3Press button to select frequency

3: When choosing a high frequency

2: When choosing a low frequency

The frequency can be selected from 2k, 4k, 6k and 10k (Hz).

3 Press the BAND button to

Exit audio advanced settings mode

memo

- If the Harmonic Spice mode (page 43) is selected, the Harmonic Spice Switches to treble frequency selection mode only when is ON and the “Custom” curve is selected.

Adding sharpness to the sound at low volumes

loudness

You can correct the lack of low and high frequencies when listening at a low volume, and make the sound sharper.

1 Press the AUDIO button to
Choose a loudness mode

2 Fivepress the button
turn loudness on
∞button to turn it off.

Appears when Loudness is ON.

3 2or3press the button
Choose a loudness effect
3: to increase the effect
2: to reduce the effect

Among LOW (weak), MID (middle), and HI (strong)
You can choose from

Fo Press the BAND button to
Exit audio adjustment mode

use a subwoofer

Subwoofer

This unit allows you to adjust the subwoofer connected to the RCA output terminals. (This function is ON by default.)

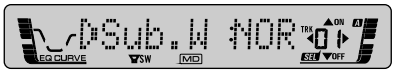
About phase switching

- Some sound output from the subwoofer may not be output from the front/rear speakers.
  It contains the same frequency range as the sound you hear. Depending on in-vehicle conditions, the phases of these sounds may be reversed (interference), causing the frequency bands to cancel each other out. What prevents this phenomenon is the phase switching of the subwoofer. Depending on the conditions inside the vehicle, select whether the phase should be positive (output at the same time as the front/rear speakers) or reversed (output at the same time as the front/rear speakers). .

About the cutoff frequency

- The subwoofer outputs frequencies below the frequency selected from 50, 80, or 125 (Hz).

1 Press the AUDIO button to
Select subwoofer mode



2 Fivepress the button
turn on the subwoofer
∞button to turn it off.

3 2or3press the button
switch the phase

3: When selecting NOR (positive phase) 2:

When selecting REV (reverse phase)

Fc Press the AUDIO button to
Choosing a subwoofer adjustment mode

Continued on next page

F Adjusting the cutoff frequency and level

■ Choose a frequency

2or3Press button to select frequency

3: When choosing a high frequency

2: When choosing a low frequency

From 50Hz, 80Hz, 125Hz
You can choose.

■ Adjust the level

Fiveor∞Press the button to adjust the level

Five: when increasing the level

∞: to decrease the level

It can be adjusted in the range of -6 to +6.

6 Press the BAND button to Exit audio adjustment mode

memo

- If the RCA external output setting (page 64) is set to non-fading, the subwoofer cannot be adjusted.
- If the subwoofer function is turned off, the subwoofer adjustment mode will not be activated. I don't.

Adjusting the subwoofer with an external amplifier, etc.

non-fading

The original sound can be output from the RCA output without passing through the low-pass filter (subwoofer) of this unit. You can also adjust its output level.

1 Press the AUDIO button to
Select non-fading mode

2 Fivepress the button
turn on non-fading
∞button to turn it off.

3 Press the AUDIO button to
Select non-fading adjustment mode

4 Fiveor∞press the button
adjust the level
Five: when increasing the level
∞: to decrease the level

It can be adjusted in the range of -6 to +6.

5 Press the BAND button to
Exit audio adjustment mode

memo

- When the RCA external output setting (page 64) is set to subwoofer, non-fade ringing cannot be adjusted.
- If non-fading is turned off, switch to non-fading adjustment mode. No change.

Prevent low-pitched sounds from being output from the speakers

High pass filter (HPF)

When the high-pass filter is turned on, sounds with frequencies lower than the selected frequency will be output from each speaker.

About High Pass Filter (HPF)

- The high-pass filter cuts the sound range (low range) below the set frequency and removes the high range.
  A filter to pass through. By turning on the high-pass filter, you can adjust the sound connection with the subwoofer.

About the cutoff frequency

- Sounds higher than the frequency selected from 50, 80, 125 (Hz) are output from each speaker.

1 Press the AUDIO button to
Select high pass filter mode

2 Fivepress the button
turn on the high pass filter
∞button to turn it off.

3 2or3press the button
Select cutoff frequency

3: When choosing a high frequency

2: When choosing a low frequency

Only sounds with frequencies higher than the selected frequency
Output from each speaker.

You can choose between 50, 80 and 125 (Hz).

Fo Press the BAND button to
Exit audio adjustment mode

memo

- When switching to SFE mode, the high-pass filter is automatically turned off. SFEs When setting a combination of mode and high-pass filter, switch the SFE mode before setting the high-pass filter.

Equalize the volume difference of each source

SLAs

You can adjust the volume of each source based on the FM volume so that there is no difference in volume when switching sources.

1 Press the SOURCE button to receive FM,
Check the FM volume (page 20)

2 Press the SOURCE button to
Switch to the source you want to adjust
(10 pages)

3 Press the AUDIO button to
Choose an SLA mode

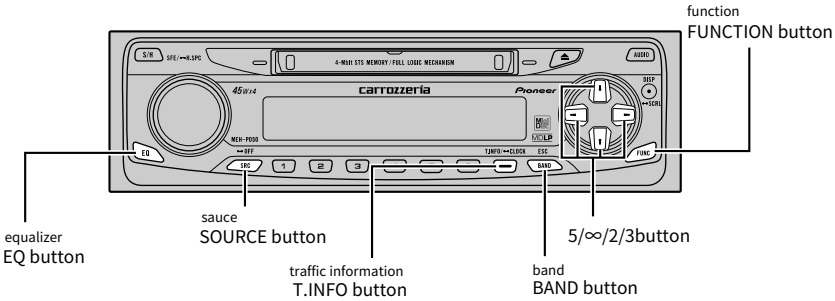
Fo Fiveor∞press the button
adjust the level
Five: when increasing the level
∞: to decrease the level

It can be adjusted in the range of -4 to +4.

Fi Press the BAND button to
Exit audio adjustment mode

memo

- SLA is an abbreviation for "Source Level Adjuster". • Adjust the volume difference with other sources based on the FM volume, so when listening to FM, Switching to SLA mode is not possible.
- AM, TV, MD, CD, External (external unit), AUX (external device)
  You can adjust the volume difference between each The settings are the same for single CD and multi-CD, and for AM and traffic information (page 60).



Decrease volume instantly

Attenuator

You can instantly reduce the volume when it is difficult to hear conversations in the car.

1 Press the ATT button on the remote control (page 7)

It turns ON/OFF each time the button is pressed.

When the attenuator is ON, the volume is about It will be 1/10.

When the attenuator is ON flashes.

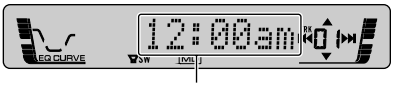
display the clock

clock display

The clock can be displayed regardless of whether the power of the unit is ON/OFF.

1 Press the T.INFO button for 2 seconds or more to show clock

Each time the button is pressed for 2 seconds or more, it turns ON/OFF.



clock display

memo

- When the power of the main unit is ON, the clock display will be canceled once if you perform any other operation while the clock is displayed. disappears, but returns to the original display after about 25 seconds.

・ To set the clock, see "Setting the clock (page 61)".

Operate frequently used functions directly

direct function

By pressing the DF button on the remote control, you can directly operate frequently used functions for each source.

■ Internal MD, Multi CD

1 Press the DF button on the remote control,

Turn on Pause (page 7)

Playback pauses. (pages 18, 40)

Press it again to turn it off.

■ Radio

1 Press the DF button on the remote control for 2 seconds or more,

Getting started with BSM (page 7)

BSM begins. (page 22)

● By pressing the DF button on the remote controller during BSM, you can cancel BSM in the middle.

■ TV

1 Press the DF button on the remote control for 2 seconds or more,

Getting started with BSSM (page 7)

BSSM begins. (TV instruction manual)

● By pressing the DF button on the remote controller during BSSM, BSSM can be canceled halfway.

Receive traffic information

traffic information

Easily receive AM 1,620 kHz or 1,629 kHz traffic information.

1 Press the T.INFO button to

Receive traffic information

Receive traffic information at AM 1,620 kHz.

2 2or3press the button

switch the frequency

3: When set to 1,629 kHz

2: When set to 1,620 kHz

Receiving frequency

3 Press the T.INFO button to

Stop receiving traffic information

Returns to the state before receiving traffic information.

memo

・ This function can be operated from any source, even when the power is off. ・ If you adjust the volume while receiving traffic information, you can set the volume for traffic information.
increase.

・ When traffic information is received, it automatically switches to the equalizer curve for traffic information.
When you stop receiving traffic information, the equalizer curve returns to its original state. ・
When receiving traffic information, it does not switch to the equalizer adjustment mode.

How to switch the initial setting mode

When setting the external device or clock, switch the initial setting mode.

1 Press the SOURCE button for 1 second or more to

turn off the power

2 Press the FUNCTION button when the power is off.

Press for 2 seconds or more to enter the initial setting mode

Switches to the initial setting mode.

3 Press the FUNCTION button

Each time the button is pressed, it switches as follows.

increase.

clock adjustment mode

→ AUX (external device) mode (page 62)

→ RCA external output mode (page 64)

→ Return to clock adjustment mode

memo

- Press the BAND button to cancel the initial setting mode. (When released, the power turns off.)

set the clock

clock adjustment

You can set your clock.

1 Press the FUNCTION button when the power is off.

Press for 2 seconds or more to select clock adjustment mode

2 set the clock

■ Select hour or minute

2or3Press button to select hour or minute

Each press switches between hours and minutes.

■ Adjusting the time

Fiveor∞Press the button to set the time

Five: When advancing the time

∞: When turning back the time

● When you adjust the hour or minute, it counts from 0 seconds. begins.

3 Press the BAND button to

Cancel the initial setting mode

ancestor of other of machine Noh

Listening to audio from an external device

AUX (external device) settings

You can listen to the audio from an external device such as a portable device or VTR connected to this unit.

About connection with external devices

- Using the optional RCA/IP-BUS interconnector “CD-RB20” or “CD-RB10”
  You can connect a DAT or VTR with RCA output to this unit as an external device. For details, see the RCA/IP-BUS interconnector manual.

1 Press the FUNCTION button when the power is off.

Hold down the FUNCTION button for at least 2 seconds

to select AUX (external equipment) mode

2 FivePress button to turn AUX ON

∞button to turn it off.

3 Press the SOURCE button to

Switching the source to AUX (page 10)

When the source is switched to AUX, the sound of the external device is

is output.

Enter the name of the external device

You can enter the name of the connected external device.

1 Press the SOURCE button to
Switching the source to AUX (page 10)

2 Press the FUNCTION button for 2 seconds or more to
Switch to external device name input mode

3 Enter the name of the external device and register

Refer to steps 3 to 6 of CD title input (page 35) and register the name of the external device in the same way.
please.

- The entered name is displayed instead of "AUX" .

example When "DAT" is entered

ancestor
of
other
of
machine
Noh

Selecting the signal output from the RCA external output

When using a subwoofer by connecting an external amplifier to the RCA external output of this unit, you can select whether to adjust the subwoofer with this unit or output the original sound to adjust the subwoofer with an external amplifier. I can.

1 Press the FUNCTION button when the power is off.

Hold down the FUNCTION button for at least 2 seconds

to select the RCA external output mode.

2 2or3press the button

Setting the output method

3: (Full) When outputting the original sound as it is

(full range output)

2: (SubW) When the subwoofer is adjusted with this unit,

(subwoofer output)

3 Press the BAND button to

Cancel the initial setting mode

memo

- When the output method is set to “Full”, make the non-fading setting (page 55). Please go.
- When the output method is set to “SubW”, make subwoofer settings (page 53). please.

About the mute function

mute

The audio of this unit can be muted when receiving a mute signal from a product that has a mute function.

About the mute function

- Combining this unit with a Pioneer navigation system with a mute function,
  The mute function works only when a mute signal is received from that product. The volume is “0” when the mute function is working.
  When the mute function is canceled, it automatically returns to the original volume.

Correct use of MD

■ Usable MDs

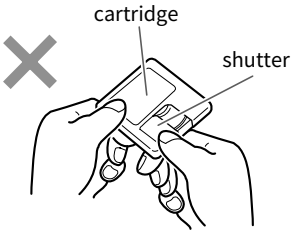
● MDs with the following mark
Nidisc).

● Do not use MDs other than for music.

please give me. Failure to do so may cause malfunction.

■ Handling Precautions

● Do not touch the MD shutter.
please It's scary if you force it open
may be

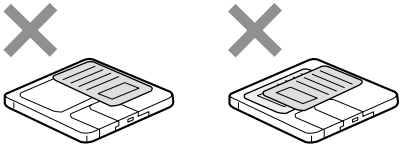


■ Labels

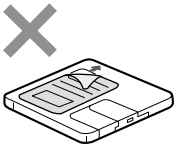
● Be sure to specify the label attached to the MD.
affix it to the position of specified

Paste it on the outside position, or stack two

If you paste it, the MD will come out.
may disappear.

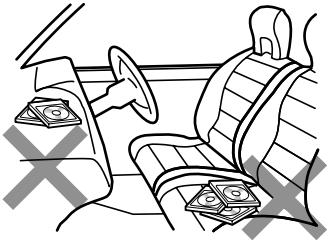


● The label may be peeled off or lifted.
Do not use an MD that has
The label gets caught and the MD
I can't get it out. like this
Replace the MD with a new label
Please use from



■ Notes on storage

● MD should not be exposed to direct sunlight.
Do not store in places subject to high temperatures.
please don't



■ Maintenance

● The surface of the MD cartridge is dirty.
lightly wipe with a soft, clean cloth.
wipe it clean.

● Do not use solvents such as benzene or thinner on the MD.
Do not apply toxic chemicals.

● Use an MD cleaning disc.
When using the cleaning
Please carefully read the instructions and cautions on the screen.
Please read.
Depending on the cleaning disc
Doing so may cause product failure.
I will.

■ Condensation in cold weather

● Immediately after turning on the heater when it is cold
When you start playing the MD at this time,
Condensation on the optical lens or MD in the
not be able to play normally
there is.
In such cases, leave it alone for about an hour.
Leave it alone and wait for the dew to come off naturally.
please MD cartridge
Wipe off the dew on the surface with a soft cloth.
stay here.

Is it a malfunction? If you think

Is it a malfunction? and
If you think
Before requesting repair,
Check the contents of the table below
please.

even if i check
When you can't fix
"Warranty and after-sales service
on page 71.
and ask for repair
please give me.

■ Common items

symptoms	cause	treatment
can not turn on. Do not work.	Make sure that each lead wire and connector is positive. not properly connected.	Is it connected correctly and securely? OK, please check again. when. (Refer to "Installation Manual")
	Fuse is blown.	Solve the cause of blown fuse and replace the blown fuse with a Replace with fuse. (Refer to "Installation Manual")
No sound. sound is small.	lowering the volume.	Please adjust the volume. (pages 10, 13, 21, 27)
	Attenuator turned on ing.	Please release the attenuator. (page 58)
	front and rear volume balance adjustment not appropriate.	Please adjust correctly. (page 46)
front or rear speakers no sound is produced.	front and rear volume balance adjustment not appropriate.	Please adjust correctly. (page 46)
from the left or right speaker No sound.	Adjusting the left/right volume balance not appropriate.	Please adjust correctly. (page 46)

■ Radio

symptoms	cause	treatment
While listening to the radio, I hear a noise that says, "Jeeeeeeee, the frequency of the station is correct. many.	do not have.	Please tune the frequency correctly. (21 pages)
	The signal of the broadcasting station is weak.	Please try to select another station. when. (21 pages)
	If there are obstacles in the surroundings, My credit is not good.	Better reception means less noise. lose.
Auto tuning is not possible.	The signal of the broadcasting station is weak.	Please tune in manually. (21 pages)

■MD

symptoms	cause	treatment
Loud noise during MD playback Get out.	MD is extremely dirty.	Please replace the MD.
MD playback stops halfway. MD will come out automatically.	If the MD is cloudy or has water droplets on it, there is	Please replace the MD.
	Insert an unrecorded MD bottom.	Please replace the MD.
	Is the MD inserted in the correct orientation? not	Remove the MD and insert it in the correct orientation. please enter. (12 pages)

If you see a message like this

message (error number)	when the message is displayed	treatment
"No Data"	A disc name has not been entered. disc name while playing a new MD. When switching to display.	Switch to a display other than the disc name display. Please change it. (page 19)
	Songs without song titles Switch to song name display during playback when	Switch to a display other than the track name display. please give me. (page 19)
"TEMP"	There is an abnormality in the internal temperature of the machine. When.	The temperature reaches a temperature at which the unit can operate normally. Please wait until
"ERROR-11" "ERROR-12" When the MD is dirty. "ERROR-17" "ERROR-30"	When the MD has scratches or cracks.	Please replace it with another MD.
``ERROR-20'' ``ERROR-21'' When it could not be read.	Song information may be lost due to vibration, etc. If the MD is damaged (damaged, no other TOC is present, etc.), replace the MD. One day.	Eject the MD and insert it again please. still the same message
"ERROR-22" "ERROR-24" MD error (damaged, such as no TOC)	replace with another MD. One day.	
"ERROR-23"	Information other than music is recorded When using MD.	Using an MD with recorded music please give me.
``ERROR-01'' ``ERROR-11'' When ``ERROR-12'' ``ERROR-17'' is considered to be a failure of the machine's electrical or mechanical system. "ERROR-30" "ERROR -A0" "ERROR-A1"		Turn off the car engine switch and then turn it on, or re-enable the MD. Stop playing once and play MD again keep it alive
"ERROR"	MD is playing for some reason when not.	Please replace it with another MD.
"BLANK MD"	An MD on which nothing is recorded when inserted.	Please replace it with another MD.

About TOC

- TOC (TableOf Contents) is the number of songs recorded on a CD, MD, DAT, etc.
  Information other than audio signals such as performance time and title.

Warranty and after-sales service

warranty

Make sure that the date of purchase and the name of the store are written on the warranty card, and receive it from the store at the time of purchase.
The warranty will be void even during the warranty period if there is an omission in the warranty card or if the warranty card is lost.
Please read it carefully and keep it in a safe place.

Warranty period

The warranty period for this product is one year from the date of purchase.

Repair under warranty
about

In the unlikely event that a failure occurs, we will repair it based on our warranty provisions described in the warranty. Please contact the store where you purchased the product or the nearest Pioneer service station. For the location and telephone number, refer to the "Information on Customer Service and Repair Desks" supplied with the machine.

After the warranty period has expired
About repair

Please contact the store where you purchased the product or your nearest Pioneer service station. If the product can be used after repair, we will repair it for a fee upon request.

performance parts for repair

Minimum holding period

We have performance parts for repair of this machine for at least 6 years after production is discontinued. (Performance parts are parts necessary to maintain the functions of the product.)

For questions and consultation

If you have any questions or concerns regarding this unit, please contact the Pioneer Customer Support Center or the store where you purchased the unit.

Main specifications

MD player section

format :minidisc digital audio system
disk used :mini disc
signal format:Sampling frequency: 44.1 kHz
Quantization bit depth: 16-bit linear
Frequency characteristic :20 to 20,000Hz (±1dB) :
S/N 94dB(1kHz) (IHF-A network)
dynamic range:92dB(1kHz)
Number of channels:2 (stereo)

FM tuner section

Receiving frequency band:76.1 to 89.9MHz practical
sensitivity :8 dBf (0.7 µV/75 Ω, monaural, S/N: 30 dB)
S/N 50dB
sensitivity:10 dBf (0.9 µV/75 Ω, monaural) :75
S/N dB (IHF-A network) :0.3%
harmonic distortion (65 dBf input, 1 kHz, stereo) 0.1 % (65 dBf input, 1 kHz, mono) :30
Frequency characteristic to 15,000Hz (±3dB)
stereo Separation:45dB (65dBf input, 1kHz)

AM tuner section

Receiving frequency band:522 to 1,629kHz (9kHz) practical
sensitivity :18µV (S/N: 20dB) :65 dB (IHF-A
S/N network)

Amplifier audio section

Maximum output :45 W x 4

Rated output :20W x 4 (50-15,000Hz, 5% THD)
load Impedance:4Ω (4 to 8 Ω available)
pre out Maximum output level:2.2V
output Impedance:1 kΩ

equalizer (3 bands parametric equalizer):(LOW)
Frequency: 40/80/100/160Hz
Q Factor: 0.35/0.59/0.95/1.15 (at +6 dB boost)
Adjustment range: ±12 dB
(MID)
Frequency: 200/500/1K/2KHz
Q Factor: 0.35/0.59/0.95/1.15 (at +6 dB boost)
Adjustment range: ±12 dB
(HIGH)
Frequency: 3.15K/8K/10K/12.5K Hz Q-factor: 0.35/0.59/0.95/1.15 (at +6 dB boost)
Adjustment range: ±12 dB

loudness
Contour:LOW : 3.5dB (100Hz) 3dB (10kHz)
MIDs : 10dB (100Hz) 6.5dB (10kHz)
HIGH : 11dB (100Hz) 11dB (10kHz)
(Volume: -30dB)

tone
Control:(bus)
frequency : 40/63/100/160Hz
gain : ±12dB
(treble)
frequency : 2.5K/4K/6.3K/10KHz
gain : ±12dB

high pass
filter:frequency : 50Hz/80Hz/125Hz
Slope: -12dB/oct.
Subwoofer
output:frequency : 50/80/125Hz
Slope: -18 dB/oct. gain
: ±12dB
phase : NORMAL/REVERSE

Common part

Power supply used :DC 14.4V
(10.8 to 15.1V available) :
Ground method Negative ground method
current consumption :10.0A
External dimensions
(Mounting dimensions):178(W)×50(H)×162(D)
mm (Nose dimension):170(W)×46(H)×14(D)mm
Mass :1.1 kg (without code unit)

accessories

Code unit:1
Mounting screws :1 set
operating instructions :1
installation instructions :1
Safety precautions:1
warranty :1
Consultation counter/
Guidance of the repair window:1

Licensed product under Dolby Laboratories US and foreign patents.

memo

・The above specifications and appearance are subject to change without notice.
It may be subject to change. again,
Illustrations and actual objects in this manual
but some may differ.

For repair and handling (installation, combination, etc.) of Pioneer products, please contact the store where you purchased the product. When requesting repair, please refer to the instruction manual "Is this a malfunction?" Troubleshooting" and check if there is a malfunction. If it still doesn't work,1type name,2date of purchase,3Please let us know the specific failure symptoms.

● Pioneer Homepage: Customer Support ***http://www.pioneer.co.jp/support/index.html***
(Frequently asked questions about products, requests for catalogs, information on registering for e-mail magazines, etc.)

Begins with area code "0070" Freephone, and starts with "0120" Toll-free numbers are available from PHS, mobile phones, etc. cannot be used. In addition, [general phone] can be used from mobile phones, PHS, etc., but call charges will be incurred.

Inquiries about product purchase and handling

Customer Support Center (nationwide free phone)

Reception: Monday-Friday 9:30-17:00, Saturdays, Sundays and public holidays 9:30-12:00, 13:00-17:00 (excluding company holidays)

● Consultation desk for car audio/car navigation products and request desk for catalogs

	:	**0070-800-8181-11**
	: [Regular phone]	**03-5496-8016**
● Fax reception	:	**03-3490-5718**

Contact point for purchasing parts

● To purchase parts (accessories, remote controls, instruction manuals, etc.), please contact the Parts Order Center.

Parts order center

Reception Monday-Friday 9:30-18:00, Saturday/Sunday/Holidays 9:30-12:00, 13:00-17:00 (Excluding company holidays)

phone	:	**0120-5-81095**
	: [Regular phone]	**0538-43-1161**
fax	:	**0120-5-81096**

Contact point for repairs

● If you cannot request repair from the store where you purchased the product, please contact the repair reception center (If you are from Okinawa, please contact the Okinawa Service Station).

Repair reception center (nationwide except Okinawa)

Reception Monday-Friday 9:30-19:00, Saturday/Sunday/Holidays 9:30-12:00, 13:00-18:00 (Excluding company holidays)

phone	:	**0120-5-81028**
	: [Regular phone]	**03-5496-2023**
fax	:	**0120-5-81029**

Okinawa Service Station (Okinawa only)

Reception Monday-Friday 9:30-18:00 (excluding Saturdays, Sundays, national holidays, and company holidays)

phone	: [Regular phone]	**098-879-1910**
fax	:	**098-879-1352**

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